

Agenda

Review of Nutrient Transport Problem and Federal Nutrient Reduction Strategy

Presented by Lauren Salvato

- Nutrients of concern
- Nutrient transport and deposition
- Nutrient transport effects within the US
- Hypoxia and related effects in the Gulf of Mexico
- Federal Hypoxia Task Force
- Hypoxia Task Force Federal Strategy

A Group Approach to TMDL Compliance

Presented by Glenn Dunn, Haywood Phthisic

State Nutrient Reduction Strategies and Implementation Progress-

Presented by Martin Siegel (PA), Paulette Akers (KY), Julie Harrold (IN), Joseph Bonnell (WI), Trevor Sample (IL) and Amanda Marshall (LA)

- Presentations by individual states on nutrient reduction strategy creation and implementation, including:
- Point source nutrient reduction plans
 - Nonpoint source nutrient reduction plans
 - Monitoring progress
 - Future plans

Urban and Agricultural Partnerships for Nutrient Management

Presented by Heidi Peterson, Kevin McAleese and Tricia Verville

- Municipal/agriculture land agreements
- Performance-based conservation
- Agronomic/regenerative agriculture nutrient management practice options

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Federal and State Nutrient Reduction Strategies and Plans

Live, Interactive Webinar - Monday, March 11, 2024

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PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Learn about nutrients of concern and their transport and deposition via U.S. rivers and streams.

Learn about the Federal Hypoxia Task Force's federal nutrient reduction strategy.

Take a group approach to TMDL compliance.

Explore nutrient reduction strategies and implementation in Pennsylvania, Kentucky, Indiana, Wisconsin, Illinois and Louisiana.

Learn about urban and agricultural partnerships for nutrient management.



HalfMoon Education Live Webinars

Federal and State Nutrient Reduction Strategies and Plans

Live, Interactive Webinar - Monday, March 11, 2024



Understand the environmental issues raised by the water-based transport of nutrients in US rivers and streams

Learn about the Environmental Protection Agency's federal nutrient reduction strategy

Explore state nutrient reduction strategies in Pennsylvania, Kentucky, Indiana, Wisconsin, Illinois and Louisiana

Discuss urban and agricultural partnerships for nutrient management

Continuing Education Credits

Professional Engineers
6.5 PDHs

Landscape Architects
6.5 HSW CE Hours
6.5 LA CES HSW PDHs

Attorneys
6.5 CLE Hours (PA, CT, LA)
Pending (NC)

Certified Planners
CM|6.5



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Webinar Information

Log into Webinar 8:30 - 9:00 am CDT	Break 11:45 am - 12:15 pm CDT
Morning Session 9:00 - 11:45 am CDT	Afternoon Session 12:15 - 4:30 pm CDT

Tuition
\$319 for individual registration.
\$289 for two or more registrants from the same company at the same time.
Included with your registration: PDF seminar manual.

How to Register

- Visit us online at www.halfmoonseminars.org
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Faculty

- Julie Harrold**
*Program Manager- CREP and Water Quality Initiative
Indiana State Department of Agriculture*
- Paulette Akers** *Kentucky Division of Water*
- Trevor Sample** *Illinois EPA*
- Joseph Bonnell**
*Nutrient Reduction Strategy Coordinator
Office of Agriculture and Water Quality
Wisconsin Department of Natural Resources*
- Lauren Salvato**
Policy and Programs Director Upper Mississippi River Basin Association
- Amanda Marshall, PhD**
*Environmental Scientist Staff, DCL-A
Water Planning and Assessment Division
Office of Environmental Assessment
Louisiana Department of Environmental Quality*
- Martin Siegel, Esquire** *Barley Snyder in York, PA*
- Heidi Peterson, PhD**
*Vice President – Agricultural Research and Conservation
Sand County Foundation in Madison, WI*
- Kevin McAleese**
President and CEO, Sand County Foundation, Madison, WI
- Tricia Verville**
Director of Agricultural Systems, Sand County Foundation, Madison, WI
- Glenn Dunn** *Poyner Spruill in Raleigh, NC*
- Haywood Phthisic**
Executive Director Lower Neuse Basin Association in Smithfield, NC
- Visit this course listing online to view full presenter information.*

Additional Learning

- Confronting Both Climate Change and Sea Level Rise: An Action Plan for Our Planet**
- Tuesday, February 20, 2024 | 8:30 - 11:50 am CST
- Wednesday, February 21, 2024 | 8:30 - 11:50 am CST
- Topographic Surveys, Easements and Original vs. Retracement Surveys**
- Wednesday, February 21, 2024 | 9:00 am - 4:05 pm CST
- Roadmap to Ethical Issues in Construction: A Primer for Design Professionals**
- Wednesday, February 21, 2024 | 11:00 am - 1:00 pm CST

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §79-1.5(i)(2)). Most other states do not preapprove continuing education providers or courses.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

HalfMoon Education is an approved CLE provider for Pennsylvania attorneys (No. 1613); this webinar offers 6.5 CLE hours to Pennsylvania attorneys. This course has been reviewed and approved by the MCLE Committee of the Louisiana State Bar Association for 6.5 CLE hours. This course approval qualifies this course for CLE credits in Connecticut.

This webinar has been submitted to the North Carolina State Bar Board of Continuing Legal Education for CLE accreditation, which is currently pending. Please visit this course listing at www.halfmoonseminars.org for updates on pending credits.

HalfMoon Education is an approved CM provider with the American Planning Association. This course is registered for CM|6.5 for certified planners.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits
The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
6.5 HSW PDHs (LA CES)

- Introduction to Surface Spreading Managed Aquifer Recharge**
- Friday, February 23, 2024 | 10:00 am - 1:00 pm CST
- Focus on Volatile Organic Compounds (VOCs)**
- Monday, February 26, 2024 | 2:00 - 4:00 pm CST
- Trails and Greenways Design, Construction, and Management**
- Thursday, February 29, 2024 | 9:00 am - 4:00 pm CST
- NPDES Stormwater Management Program 2024**
- Thursday, March 7, 2024 | 8:30 am - 4:00 pm CST

For more information and other online learning opportunities visit:
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